



US 20070021058A1

(19) **United States**(12) **Patent Application Publication****Arseneau et al.**(10) **Pub. No.: US 2007/0021058 A1**(43) **Pub. Date: Jan. 25, 2007**

(54) **SYSTEM AND METHODS FOR ENHANCING THE EXPERIENCE OF SPECTATORS ATTENDING A LIVE SPORTING EVENT, WITH GAMING CAPABILITY**

Publication Classification

(51) **Int. Cl.**
H04H 7/00 (2006.01)
(52) **U.S. Cl.** **455/3.06**

(76) Inventors: **Marc Arseneau**, Morin Heights (CA);
Alain Charette, St-Jerome (CA); **Jean Arseneau**, Boisbriand (CA); **Michel Poisson**, Lorraine (CA)

(57) **ABSTRACT**

A handheld electronic device for use at a venue hosting a live sporting event, having a receiver for receiving a wireless RF transmission conveying a plurality of video streams derived from video cameras filming the live sporting event, a display and a user interface for selecting a video stream among the plurality of video streams to be displayed on the display. The handheld electronic device is capable to acquire a locked mode of operation and an unlocked mode of operation, in the locked mode of operation the handheld electronic device being precluded from displaying the video streams to a spectator, in the unlocked mode of operation the handheld electronic device being enabled to display the video streams to the spectator, the handheld electronic device capable to acquire the unlocked mode of operation in response to reception of authentication data wirelessly transmitted to the handheld electronic device.

Correspondence Address:

FISH & RICHARDSON PC**P.O. BOX 1022****MINNEAPOLIS, MN 55440-1022 (US)**(21) Appl. No.: **11/459,308**(22) Filed: **Jul. 21, 2006****Related U.S. Application Data**

(60) Provisional application No. 60/701,473, filed on Jul. 22, 2005. Provisional application No. 60/778,363, filed on Mar. 3, 2006. Provisional application No. 60/789,911, filed on Apr. 7, 2006.

